Search Mockup

Table of contents

The goals of this proposal

- reducing clutter on the current search pages
- reconsidering UX choices we made earlier
  - e.g. when we first added facetted search to dspace, it wasn't something the average user had a lot of experience with. These days most webshops, search engines, etc. have some form of facetted search.
- making use of the advantages of a javascript UI
  - e.g. parts of the page can update without a classic page reload

Note: you can make inline comments by selecting a word and hovering over it for a moment:
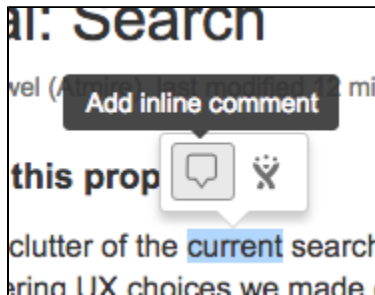
Facets are shown in a sidebar

- That side bar stays fixed, when scrolling
- The design assumes that there will be no navigational sidebar (with sections browse, my account, admin, etc)
  - the goal is to move this to a navbar at the top of the screen, but the navigation design needs an entire wiki page to itself
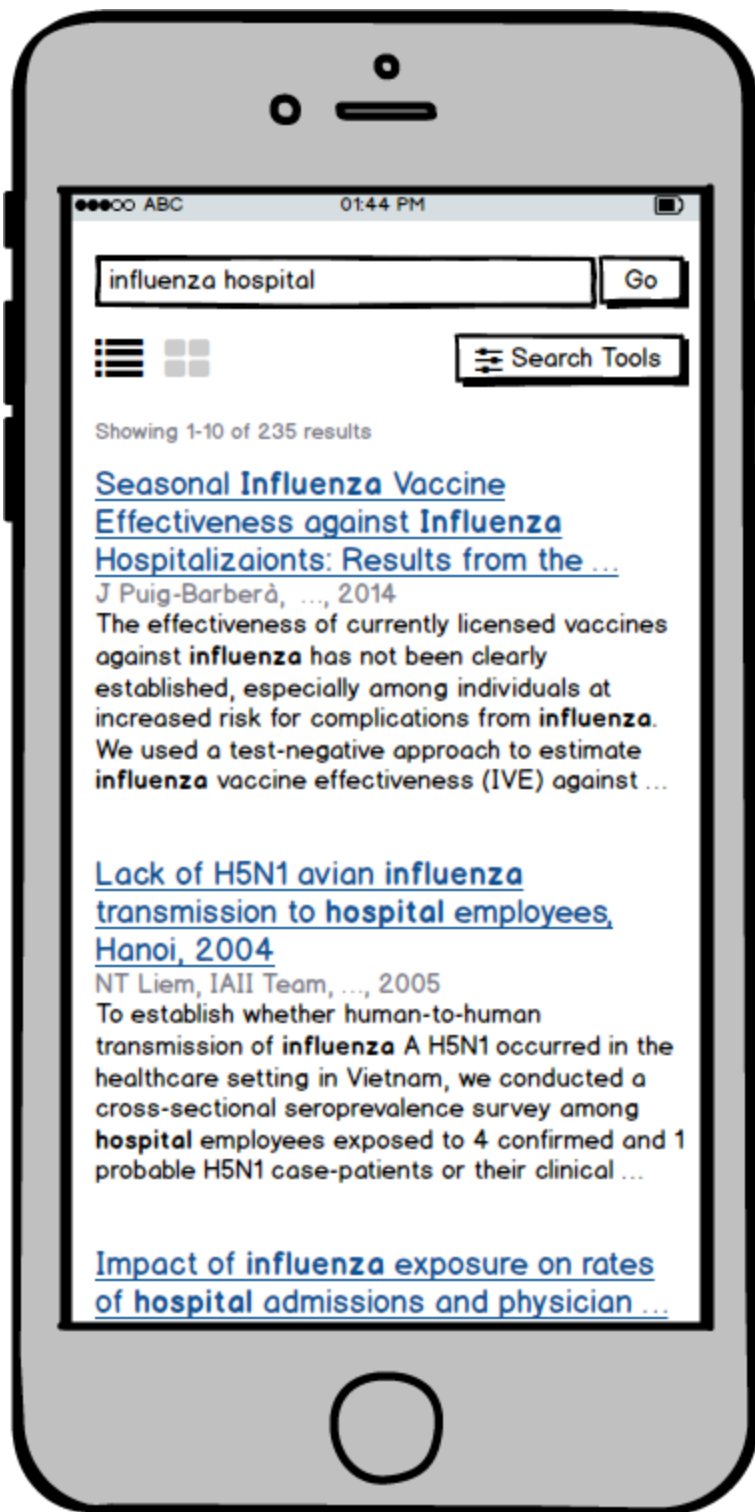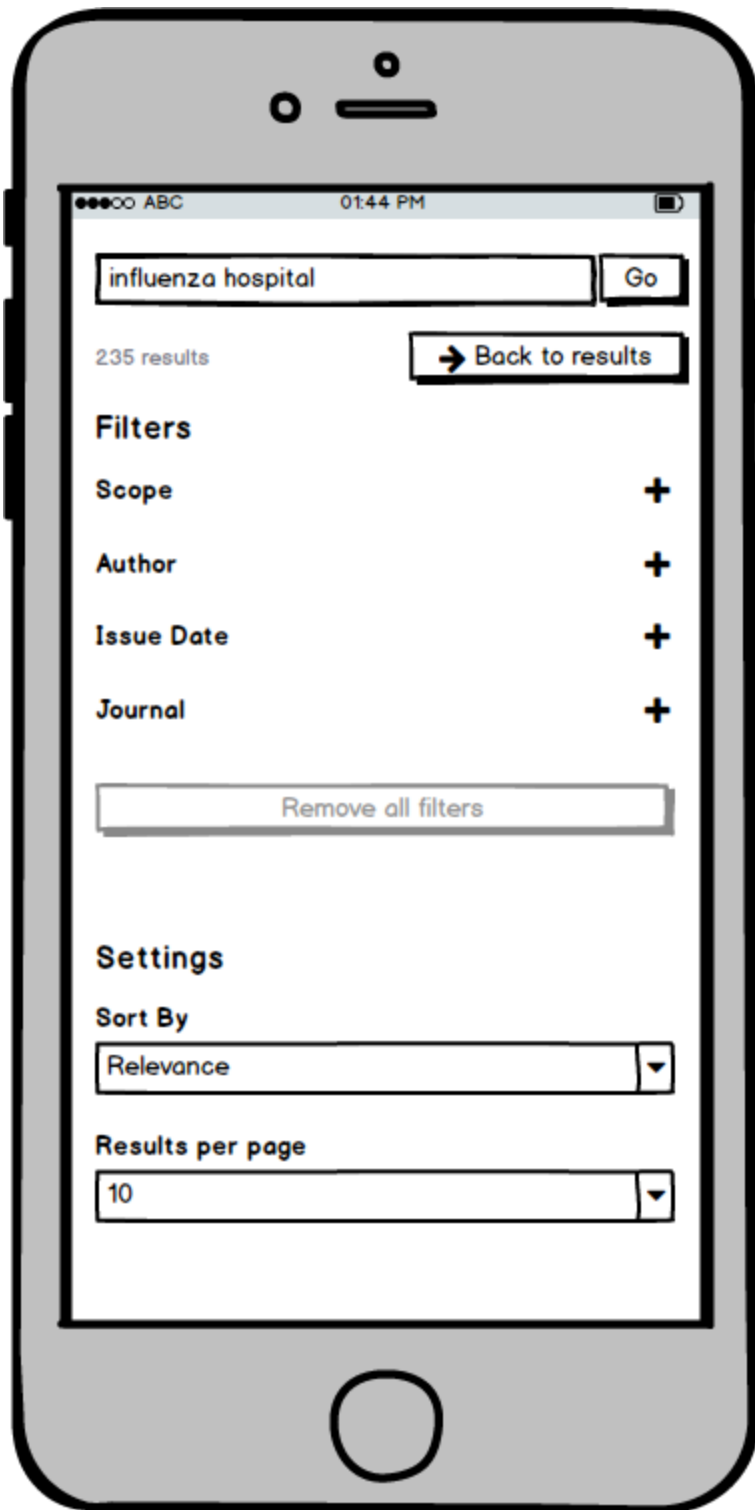
The gear dropdown is removed

- its contents move to the sidebar as well

Facets are collapsed by default

- you only see the name of the field
- you need to click that name to open it
- this makes the page seem less convoluted and daunting
- it also makes it easier to use on mobile
- It should still be configurable to have them open by default

https://dspace7-demo.atmire.com/search?q=influenza%20hospital&scope=16ec7b48-aded-4d7a-9911-b1374eed98ea

influenza hospital | Go

Filters

Scope +

Author +

Issue Date +

Journal +

[Remove all filters]

Settings

Sort By
[Relevance ▾]

Results per page
[10 ▾]

Showing 1-10 of 235 results

Seasonal Influenza Vaccine Effectiveness against Influenza Hospitalizaionts: Results from the Global Influenza Hostpital Surveillance Network
J Puig-Barberà, A Natividad-Sancho, O Launay... - PLoS ..., 2014
The effectiveness of currently licensed vaccines against **influenza** has not been clearly established, especially among individuals at increased risk for complications from **influenza**. We used a test-negative approach to estimate **influenza** vaccine effectiveness (IVE) against hospitalization with laboratory-confirmed **influenza** ...

Lack of H5N1 avian influenza transmission to hospital employees, Hanoi, 2004
NT Liem, IAII Team, WL Vietnam - Emerging infectious diseases, 2005
To establish whether human-to-human transmission of **influenza** A H5N1 occurred in the healthcare setting in Vietnam, we conducted a cross-sectional seroprevalence survey among **hospital** employees exposed to 4 confirmed and 1 probable H5N1 case-patients or their clinical specimens. Eighty-three (95.4%) of 87 eligible employees completed a questionnaire and provided a serum sample, which was tested for antibodies to ...

Impact of influenza exposure on rates of hospital admissions and physician visits because of respiratory illness among pregnant women
L Dodds, SA McNeil, DB Fell, VM Allen... - Canadian Medical ..., 2007
Excess deaths have occurred among pregnant women during **influenza** pandemics, but the impact of **influenza** during nonpandemic years is unclear. We evaluated the impact of exposure during nonpandemic **influenza** seasons on the rates of **hospital** admissions and physician visits because of respiratory illness ...

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influenza hospital | Go |

:≡   ▦   ⚬ Search Tools

Showing 1-10 of 235 results

Seasonal Influenza Vaccine Effectiveness against Influenza Hospitalizaionts: Results from the ...
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Impact of influenza exposure on rates of hospital admissions and physician ...

Advanced filters and facets are combined

- A advanced filter input is shown underneath the list of values for a facet
- fields can be configured to have either a facet, an advanced filter, or both
- the order in which the fields appear should be configurable

Active filters are shown in their respective section
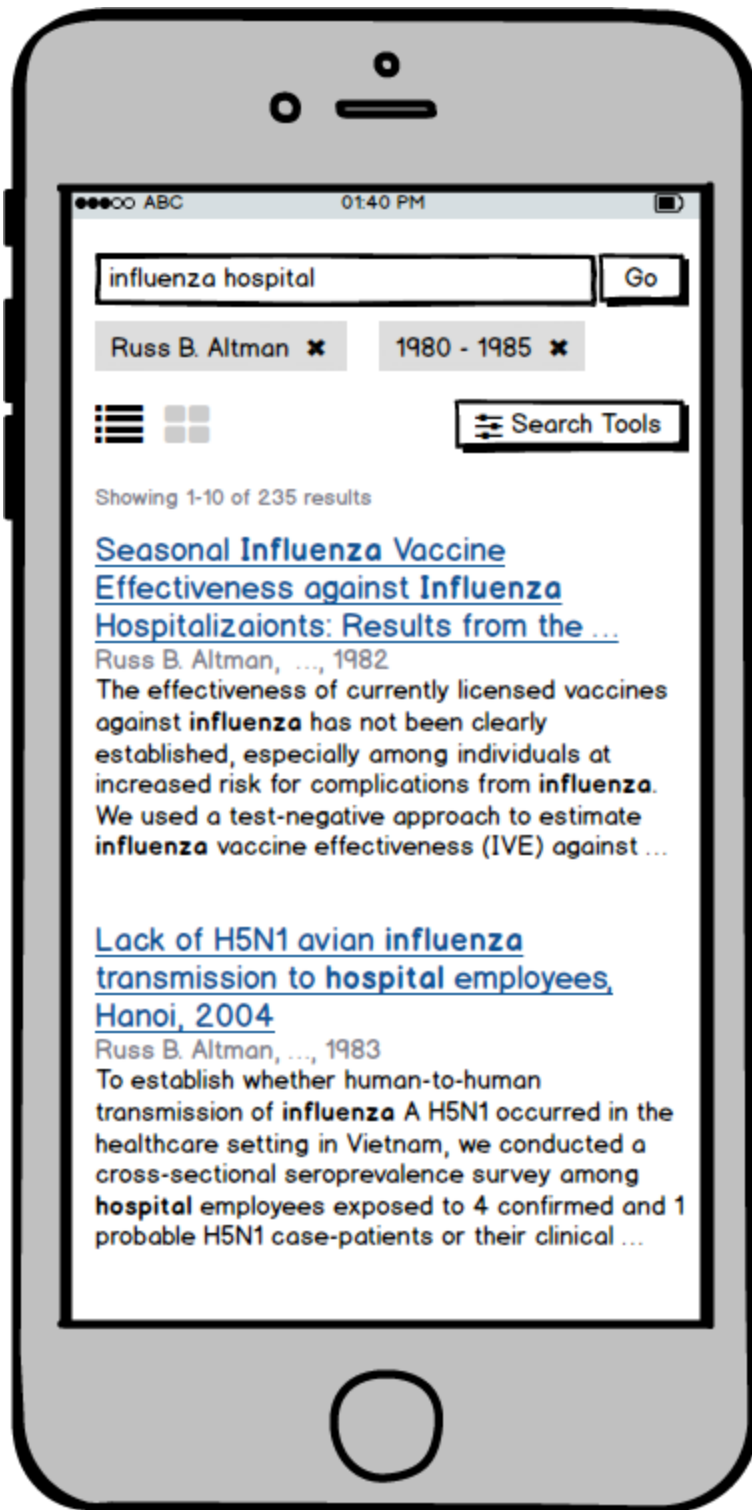
- no longer as a tag at the top of the page

- that way, if you want to find a filter on Issue Date, for example, you can go search in the issue date section, where you activated it, rather than at the top of the page.
  - although, I am willing to show them at the top of the page *as well* if people think we should.
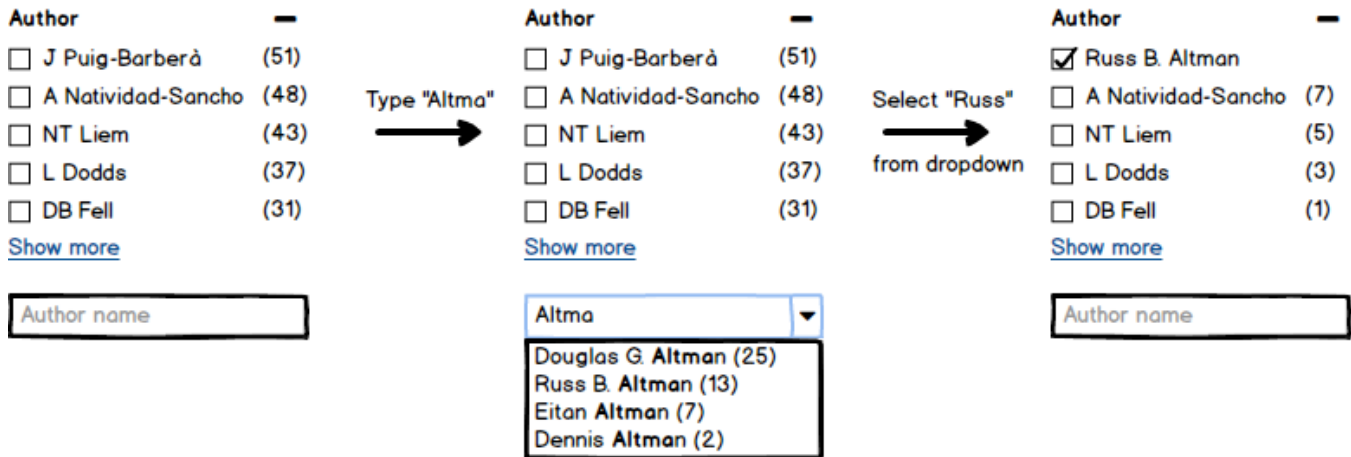
Selecting filters

- A facet value is an unchecked checkbox, an active filter is a checked checkbox
- if you select a facet or a filter, the number next to it (showing the number of matching results) disappears
  - All selected fiters are applied when they're selected, so that number would always be equal to the number of search results.
- Selected filters will be shown both at the top of their category, and as tags underneath the search box

Search

https://dspace7-demo.atmire.com/search?q=influenza%20hospital&fq=author%3ARuss%20B.%20Altman&fq=issudate%3A%5B1980%20TO%201985%5D

influenza hospital   Go

Filters

Russ B. Altman ✕   1980 - 1985 ✕

Scope   ➕   Showing 1-10 of 235 results

Author   ➖
☑ Russ B. Altman
☐ A Natividad-Sancho (7)
☐ NT Liem (5)
☐ L Dodds (3)
☐ DB Fell (1)
Show more

[Author name]

Issue Date   ➖
[1980] to [1985]

☐ 1980 (20)
☐ 1981 (32)
☐ 1982 (19)
☐ 1983 (29)
☐ 1984 (16)

Journal   ➕

Remove all filters

Seasonal Influenza Vaccine Effectiveness against Influenza Hospitalizaionts: Results from the Global Influenza Hostpital Surveillance Network
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●●●○○ ABC   01:40 PM   ▭

influenza hospital   Go

Russ B. Altman ✖   1980 - 1985 ✖

☰ ▦   ⇄ Search Tools

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Filter inputs have autocomplete

Author —

☐ J Puig-Barberà (51)
☐ A Natividad-Sancho (48)
☐ NT Liem (43)
☐ L Dodds (37)
☐ DB Fell (31)
Show more

[Author name]

Type "Altma" →

Author —

☐ J Puig-Barberà (51)
☐ A Natividad-Sancho (48)
☐ NT Liem (43)
☐ L Dodds (37)
☐ DB Fell (31)
Show more

[Altma ▼]
Douglas G. Altman (25)
Russ B. Altman (13)
Eitan Altman (7)
Dennis Altman (2)

Select "Russ" from dropdown →

Author —

☑ Russ B. Altman
☐ A Natividad-Sancho (7)
☐ NT Liem (5)
☐ L Dodds (3)
☐ DB Fell (1)
Show more

[Author name]
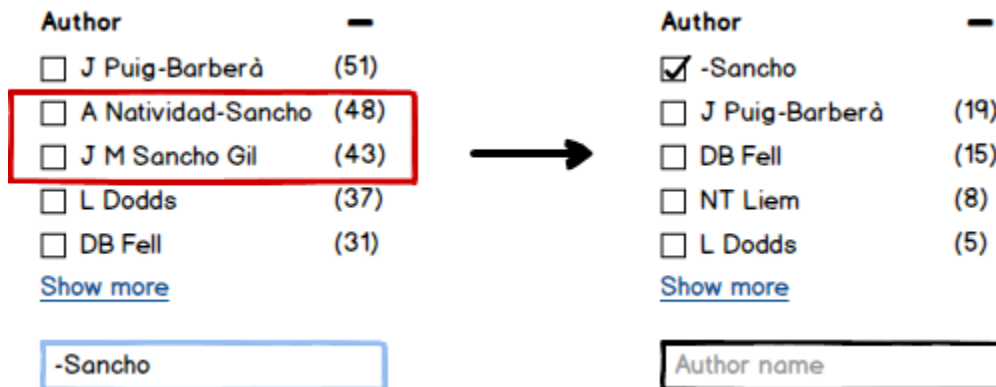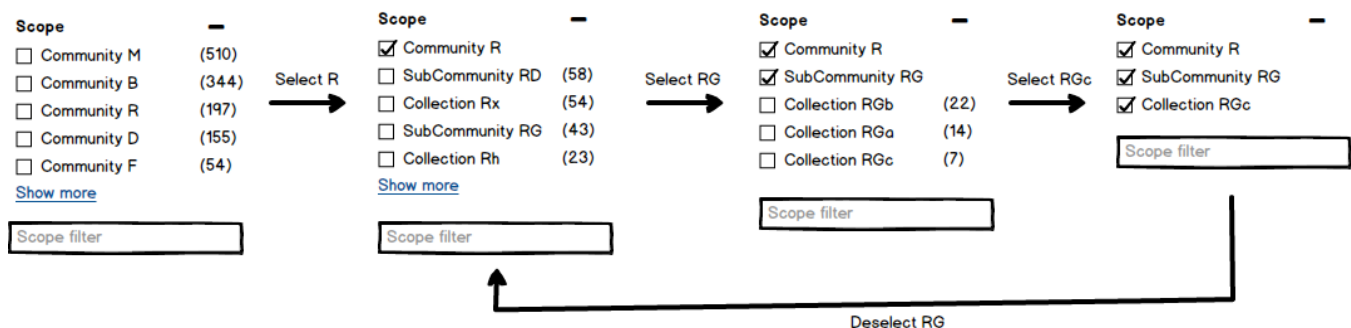
The equals, contains, not, ID, etc dropdown has been removed

- Currently the same list of options is used everywhere, but doesn't make sense for each field
- It makes the UI look more complicated for novice users
- Even advanced users have to learn to work with it, before they understand exactly what every option means and how it works
- So I propose we remove them, and use a single input with (a subset of) the lucene syntax
  - - for 'not'
  - `*` is a wildcard
  - id:e184785b-bb21-4168-8c43-b0070728a64a

Author —

☐ J Puig-Barberà (51)
[☐ A Natividad-Sancho (48)
☐ J M Sancho Gil (43)]
☐ L Dodds (37)
☐ DB Fell (31)
Show more

[-Sancho]

→

Author —

☑ -Sancho
☐ J Puig-Barberà (19)
☐ DB Fell (15)
☐ NT Liem (8)
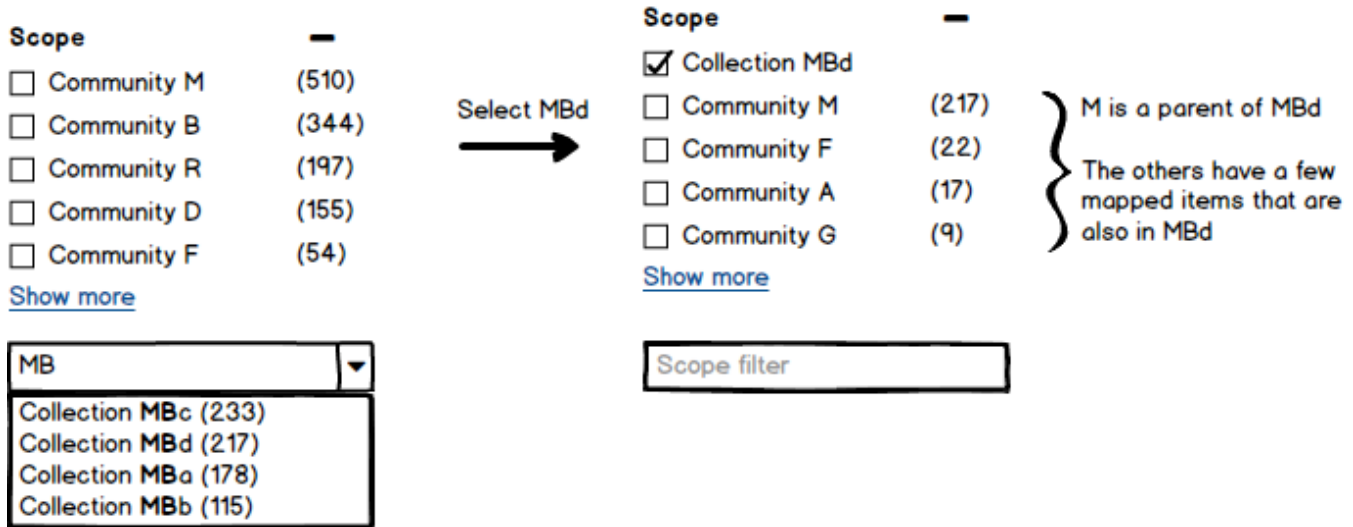☐ L Dodds (5)
Show more

[Author name]

Scope is just another facet/filter

- it's more useful to show scope as a facet, compared to the dropdown we have currently
- You have the most relevant communities at the top
- selecting a community will show its children, the most relevant first, etc
- you also have an autcompleting input at the bottom, to select a specifc community or collection immediately

Scope —

☐ Community M (510)
☐ Community B (344)
☐ Community R (197)
☐ Community D (155)
☐ Community F (54)
Show more
[Scope filter]

Select R →

Scope —

☑ Community R
☐ SubCommunity RD (58)
☐ Collection Rx (54)
☐ SubCommunity RG (43)
☐ Collection Rh (23)
Show more
[Scope filter]

Select RG →

Scope —

☑ Community R
☑ SubCommunity RG
☐ Collection RGb (22)
☐ Collection RGa (14)
☐ Collection RGc (7)
[Scope filter]

Select RGc →

Scope —

☑ Community R
☑ SubCommunity RG
☑ Collection RGc
[Scope filter]

Deselect RG

Scope —

☐ Community M (510)
☐ Community B (344)
☐ Community R (197)
☐ Community D (155)
☐ Community F (54)
Show more

| MB | ▼ |

Collection MBc (233)
Collection MBd (217)
Collection MBa (178)
Collection MBb (115)

Select MBd →

Scope —

☑ Collection MBd
☐ Community M (217)
☐ Community F (22)
☐ Community A (17)
☐ Community G (9)
Show more

Scope filter

} M is a parent of MBd

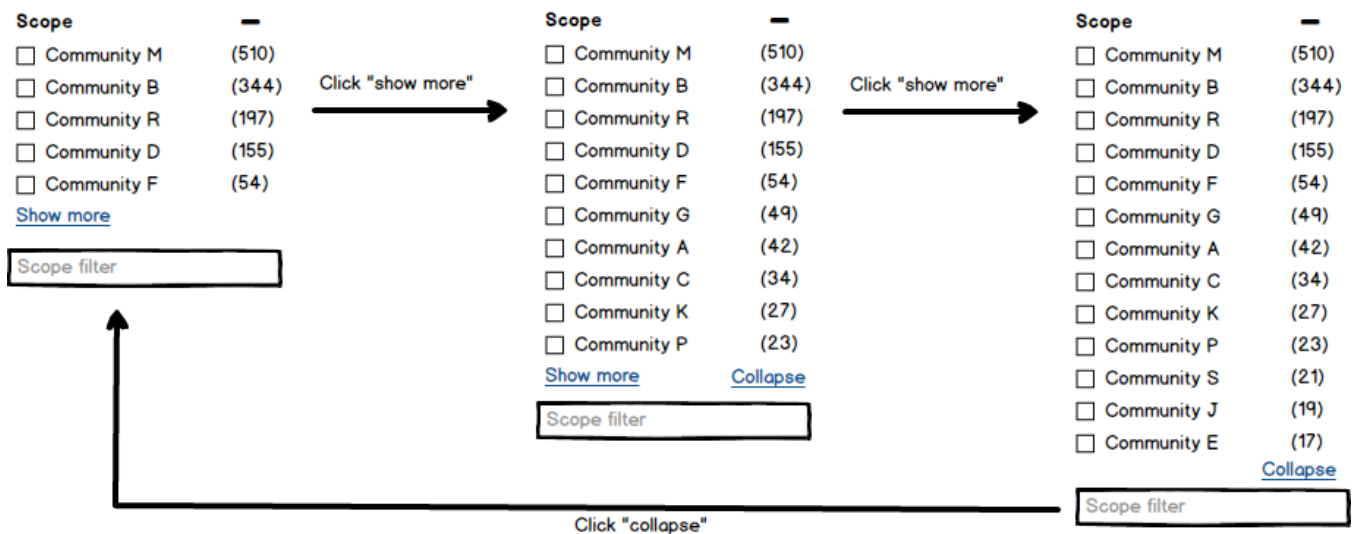} The others have a few mapped items that are also in MBd
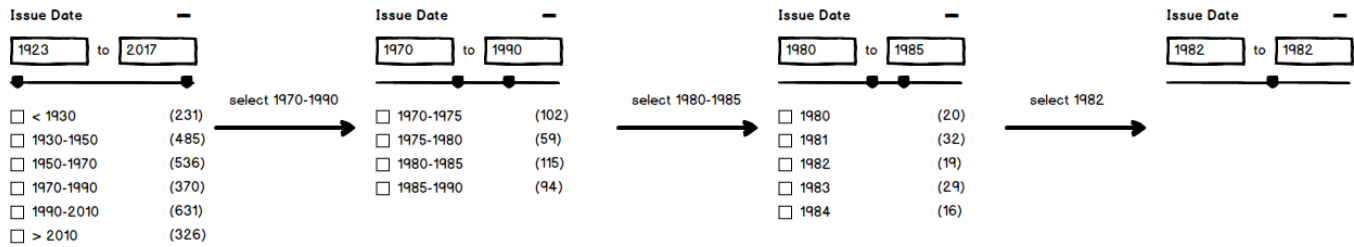
'Show more' happens in place

- the list just gets longer by a page size (e.g. 5)
- if there are more then 10, there's another show more link at the bottom to show the next set, etc.
- if show more is clicked at least once, a collapse link appears next to it

Scope —

☐ Community M (510)
☐ Community B (344)
☐ Community R (197)
☐ Community D (155)
☐ Community F (54)
Show more

Scope filter

Click "show more" →

Scope —

☐ Community M (510)
☐ Community B (344)
☐ Community R (197)
☐ Community D (155)
☐ Community F (54)
☐ Community G (49)
☐ Community A (42)
☐ Community C (34)
☐ Community K (27)
☐ Community P (23)
Show more   Collapse

Scope filter

Click "show more" →

Scope —

☐ Community M (510)
☐ Community B (344)
☐ Community R (197)
☐ Community D (155)
☐ Community F (54)
☐ Community G (49)
☐ Community A (42)
☐ Community C (34)
☐ Community K (27)
☐ Community P (23)
☐ Community S (21)
☐ Community J (19)
☐ Community E (17)
        Collapse

Scope filter

Click "collapse"

Dates have a dedicated widget

- Show both from and to inputs at the top, and a slider below
  - a slider is more useful with a mouse, the inputs are more acurate with a touch screen
- Underneath that divide the total available date range for the repo in to a fixed number of ranges
- If you select a range, the inputs and slider are updated, and a new set of categories for the current range appears
- if you get to a single year, there are no more categories
- categories are shown as checkboxes for consistency with the other filters,
  - with this way of working they will never actually get checked, and could be replaced with links

Issue Date		Issue Date		Issue Date		Issue Date

1923 to 2017   select 1970-1990   1970 to 1990   select 1980-1985   1980 to 1985   select 1982   1982 to 1982

- ☐ < 1930 (231)
- ☐ 1930-1950 (485)
- ☐ 1950-1970 (536)
- ☐ 1970-1990 (370)
- ☐ 1990-2010 (631)
- ☐ > 2010 (326)

- ☐ 1970-1975 (102)
- ☐ 1975-1980 (59)
- ☐ 1980-1985 (115)
- ☐ 1985-1990 (94)

- ☐ 1980 (20)
- ☐ 1981 (32)
- ☐ 1982 (19)
- ☐ 1983 (29)
- ☐ 1984 (16)

A grid view mode for search results is added

- as way for repositories that have nice thumbnails to showcase them
- a grid of cards
- shortened fields are expanded when clicked
  - that's why there's a view button, clicking the card doesn't take you to the result
  - clicking the thumbnail will take to the result as well
  - if a card expands, the other cards in the row grow with it
    - to ensure the grid stays uniform
- 4 cards per row on xl screens, 3 on lg and md, 2 on sm and 1 on xs
  - the number of results per page is a multiple of 12 to ensure you have filled rows in most cases
- Both grid and list view can be disabled or made the default.

influenza hospital   Go

≣ ▦   ⇌ Search Tools

Showing 1-12 of 235 results

Seasonal **Influenza** Vaccine Effectiveness against **Influenza** Hospitalizaionts: Results from the ...

J Puig-Barberà, ..., 2014

The effectiveness of currently licensed vaccines against **influenza** has not been clearly established, especially among individuals at increased risk for complications from **influenza**. We used a test-negative ...

View